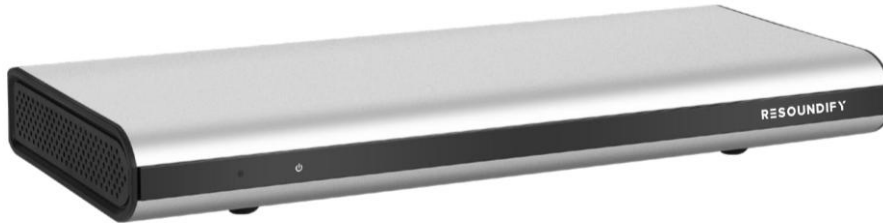


# RESOUNDIFY

## RC-VCE

### 4K Smart Detachable Video Conferencing Endpoint Android 12



#### PRODUCT OVERVIEW

This **Resoundify RC-VCE** designed specifically for various meeting scenarios such as government and enterprise conferences, emergency command, telemedicine, and remote education. Powered by the latest generation processor, it ensures smooth and stable operation of the video conferencing system. With a wealth of audio and video input and output interfaces, it can meet the needs of more meeting scenarios.- Equipped with the Android operating system, this device boasts a powerful 4-core A76 and 4-core A55 high-performance CPU, along with a 6TOPs AI NPU. Its robust audio and video hardware encoding and decoding, as well as signal processing capabilities, ensure a stable and smooth conference collaboration experience. It supports USB 3.0, HDMI, RJ45, LINE, and other interfaces, meeting the diverse needs of various conference scenarios.

#### KEY FEATURES

- **High-performance Open Platform** : Equipped with the Android operating system, this device boasts a powerful 4-core A76 and 4-core A55 high-performance CPU, along with a 6TOPs AI NPU. Its robust audio and video hardware encoding and decoding, as well as signal processing capabilities, ensure a stable and smooth conference collaboration experience.
- **Dual 4K Video Streaming** : The terminal supports simultaneous input of two 4K video signals and simultaneous output of two 4K video streams, meeting the need for dual video stream capture and expanding conference application scenarios.
- **Dual-screen Display** : The terminal supports two HDMI video signal outputs, allowing for the simultaneous display of conference scenes and shared content such as documents, videos, and images, enriching the content presentation.
- **Built-in Audio Processing Algorithms** : Built-in audio 3A processing algorithms include Automatic Gain Control, Acoustic Echo Cancellation, Automatic Noise Suppression, etc , it provides full-duplex audio processing services for audio peripherals, delivering clear and natural sound quality.
- **Quiet Design** : The terminal adopts a metal shell material with excellent heat dissipation performance; the fan less design ensures stable operation with low noise and long-term operation at high frequencies.
- **Multiple Interfaces** : The terminal supports USB 3.0, HDMI, RJ45, LINE, and other interfaces, meeting the diverse needs of various conference scenarios.

#### APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

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## TECHNICAL SPECIFICATIONS

### Standard Specifications

Operating System	Android 12
CPU	4 × Cortex-A76 + 4 × Cortex-A55
RAM	4GB
ROM	16GB EMMC (optional 32GB)

### Video Specifications

Video Encoding	Supports H.264/H.265 video encoding, up to 8K30fps
Video Decoding	Video Decoding
Active Image Resolution	4KP30, minimum bandwidth 2048Kpbs 1080p, minimum bandwidth 512Kpbs 720p, minimum bandwidth 384Kpbs
Other Image Features	Dual screen different display

### Audio Specifications

Features	Acoustic Echo Cancellation (AEC) Automatic Gain Control (AGC) Automatic Noise Suppression (ANS) Lip-Sync Supported
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### Network Specifications

Network Interface	1 × RJ45: 10/100/1000 Base-T 1 × RJ45: 10/100/1000 Base-T ,Support 25W PSE
Wireless Connectivity	1 × WiFi, 802.11a/b/g/n/ac 1 × BT5.2

### Interface Specifications

Audio Input Interface (6 input)	1 × Mini XLR microphone input 1 × 3.5mm linear input 2 × HDMI embedded audio input 1 × DMIC 1 × USB
Audio Output Interface (4 output)	Audio Output Interface (4 output) 1 × 3.5mm linear output 2 × HDMI embedded audio output 1 × USB
Video Input Interface (4 input)	2 × HDMI input 1 × USB input 1 × POE input
Video Output Interface (2 output)	2 × HDMI output
Power Interface	1 × DC 12V Power
Indicator	Indicator 1 × Dual-color indicator light
Infrared interface 1 × Infrared interface	Infrared interface 1 × Infrared interface

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## TECHNICAL SPECIFICATIONS

General Specifications	
Dimension	Terminal (excluding protrusions): 348mm (W) × 148mm (D) × 37mm (H)
Power Supply	Operating voltage: DC 12V Max. Power Consumption : 36W
Environmental Requirement	Temperature : 0° C ~ 40° C (operating state), -40° C ~ 70° C (non-operating state) Humidity: 10% ~ 80% (operating), 0% ~ 95% (non-operating)